



National Weather Service

Storm Data and Unusual Weather Phenomena



January 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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HAWAII

HIZ004	Kauai Mountains				0	0			High Wind (52)
	01	1700HST							
	02	0200HST							
	Southwest winds gusting to 60 mph were recorded near the summit of Mauna Kea.								
Maui County									
Olowalu	02	0000HST			0	0			Urban/Sml Stream Fld
		0600HST							
	Roads ponded with water briefly closed one lane of the highway near Olowalu, West Maui.								
HIZ001	Niihau				0	0			High Wind (52)
	02	2315HST							
	03	1500HST							
	South and southwest winds with gusts estimated near 60 mph by weather spotters in Kapaa and Kilauea. WSR-88D velocity data from the south coast radar indicated winds of 40 to 50 mph at 2 and 3 thousand feet. above ground level.								
HIZ002	Kauai Windward				0	0			High Wind (52)
	03	0600HST							
		1500HST							
	South to southwest wind gusts estimated near 60 mph by weather spotters in Kaneohe.								
Kauai County									
Hanalei to Lihue	03	0700HST			0	0			Urban/Sml Stream Fld
		1000HST							
	Heavy showers caused streams to rise over north and northeast parts of the island. The Hanalei Bridge was closed and road ponding occurred along the east side of the island to Lihue.								
Honolulu County									
Waianae to Waimanalo	03	0900HST			0	0			Urban/Sml Stream Fld
		1930HST							
	Heavy showers produced ponding on roads in many locations.								
HIZ003	Kauai Leeward				0	0			High Wind (56)
	03	1500HST							
	05	0600HST							
	South to southwest winds with gusts estimated near 60 mph over areas from Pukulani to Ulumalu to Kailua. Winds diminished at lower elevations by 2030 HST on the 3rd, but persisted over the upper slopes and summit areas of Haleakala.								
Kauai County									
Hanalei to Kapaa	04	0130HST			0	0			Urban/Sml Stream Fld
		0430HST							
	Keapona and Hanalei Bridges closed. Roads ponded and the Waiole Stream overflowed causing minor flooding								
Kauai County									
Hanalei	04	0915HST			0	0			Urban/Sml Stream Fld
		1500HST							
	2.28 inches of rain in three hours at Kokee was representative of heavy showers over north central Kauai. Saturated soils increased runoff from the rainfall, flooding some roadways in the Hanalei area.								
Maui County									
Lanai City	04	0930HST			0	0			Flash Flood
	A stalled cold front brought heavy showers to Lanai, Maui, and Molokai during the morning and afternoon hours. Flooding was widespread in Lanai City with many roads closed and the airport runway was inundated with up to 2 feet of water								



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HAWAII

Honolulu County

Waianae to Wahiawa	19	1900HST 2300HST			0	0			Urban/Sml Stream Fld
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Numerous roads were briefly impassable due to ponding. Water and debris closed the Kirsten Thot Bridge in Wahiawa.

Maui County

Kaunakakai to Lahaina	19 20	2000HST 0400HST			0	0	24K		Urban/Sml Stream Fld
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Drainageways overflowed in Lahaina flooding an underground parking lot and damaging several cars. Flooding closed a section of Kamehameha V Highway two miles east of Kaunakakai.

Maui County

Lahaina	19 20	2000HST 0400HST			0	0	536K		Flash Flood
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Drainageways overflowed in Lahaina, flooding an underground parking lot and damaging several cars. Flooding closed a section of Kamehameha V Highway two miles east of Kaunakakai.

Overall, residents and businesses reported losing hundreds of thousands of dollars from waters that inundated Lahaina town's low-lying Malu-ulu-o-Lele Park area between Prison and Shaw streets and on Wainee Street.

Hawaii County

Kailua Kona to Pahoa	20	0130HST 0800HST			0	0			Urban/Sml Stream Fld
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Heavy showers produced minor flooding of roads in the Kona, South Kohala, and Puna Districts. Six homes had minor flooding in Waikoloa.

HIZ004

Kauai Mountains					0	0			High Wind (97)
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Westerly winds of 50 to 80 mph occurred along the summits and upper slopes of Mauna Kea and Mauna Loa. Wind gusts of 112 mph were recorded at the site of the United Kingdom Infrared Telescope atop Mauna Kea at 8 p.m. on the 21st.

HIZ001

Niihau	21	1600HST 1815HST			0	0			High Wind (52)
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Southwest winds near 40 mph with gusts to 60 mph occurred ahead of a rapidly moving cold front along the north and east sides of terrain.

HIZ002

Kauai Windward	21	1600HST 2030HST			0	0			High Wind (52)
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Southwest winds near 40 mph with gusts to 60 mph occurred ahead of a rapidly moving cold front along the north and east sides of terrain.

HIZ003-005>006

Kauai Leeward - Oahu South Shore - Waianae Coast	21	1815HST 2115HST			0	0			High Wind (52)
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Southwest winds of 40 mph with gusts to 60 mph occurred ahead of a rapidly moving cold front along the north and east sides of terrain.

HIZ001>006

Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast	23 26	0800HST 2000HST			0	0			High Surf
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A series of storm lows far to the north and northwest of the Hawaiian Islands generated swell that produced surf of 10 to 15 feet along north facing shores and 6 to 10 feet along west facing shores of the islands



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					Killed	Injured	Property	Crops	

HAWAII

HIZ001	Niihau	27 28	1600HST 2200HST		0	0			High Wind (52)
Wind gusts of 60 mph were estimated near Kapaa and Anahola.									
HIZ002	Kauai Windward	27 29	2300HST 0600HST		0	0			High Wind (52)
Wind gusts to 60 mph buffeted the communities of Kailua and Kaneohe and other areas on the east side of the Koolau Range.									
HIZ003	Kauai Leeward	28 29	0830HST 0600HST		0	0			High Wind (44)
Winds from 45 to 55 mph were reported near the summit of Haleakala.									
HIZ004	Kauai Mountains	28	1400HST 2000HST		0	0			High Wind (52)
Winds estimated at 60 mph blew several trees down in the Puna District.									
Kauai County	Kekaha	29	0445HST 0530HST		0	0	10K		Thunderstorm Wind (65)
Winds estimated at 75 mph associated with a thunderstorm ahead of an eastward moving cold front damaged a metal building at a seed corn company in Kekaha. Wind gusts to 53 mph were recorded at Lihue.									
HIZ001>006	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast	30 31	0800HST 1600HST		4	0			High Surf
Several low pressure centers moving across the north central Pacific generated swell that produced surf of 8 to 12 feet with occasional sets to 15 feet along the north and west facing shores of the islands. Four tourists, 3 from Georgia and 1 from Utah, drowned in the high surf at Keanae Point, Maui at approximately 2 p.m. HST January 30, 1997. One person was swept into the ocean while taking pictures of the high surf. He was pulled from the water and given CPR by a visiting paramedic. While performing CPR, a second wave swept both individuals and six other people into the ocean. Four of the eight people were rescued by local residents, while the other four drowned. M32IW, M50IW, M30IW, M33IW									